



ROBINSON MCFADDEN
ATTORNEYS AND COUNSELORS AT LAW

ROBINSON, MCFADDEN & MOORE, P.C.

COLUMBIA, SOUTH CAROLINA

May 8, 2008

VIA ELECTRONIC FILING

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Public Service Commission of South Carolina
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**Re: Application of Duke Energy Carolinas, LLC for Approval of Decision
to Incur Nuclear Generation Pre-construction Costs
Docket No. 2007-440-E**

Dear Mr. Terreni:

Enclosed for filing please find Duke Energy Carolinas, LLC's Third Supplemental Response to Friends of the Earth's first discovery requests. These responses have been prepared in order for Duke Energy Carolinas to comply with the Hearing Officer Directive Dated May 5, 2008.

Yours truly,

ROBINSON, MCFADDEN & MOORE, P.C.

Frank R. Ellerbe, III

FRE/bds
Enclosures
cc/enc:

Kodwo Gharthey-Tagoe, VP Legal, State Regulation (via email)
Lawrence B. "Bo" Somers, Associate General Counsel (via email)
Nanette Edwards, Esquire (via email & U.S. Mail)
C. Lessie Hammonds, Esquire (via email & U.S. Mail)
Scott A. Elliot, Esquire (via email & U.S. Mail)
Robert Guild, Esquire (via email & U.S. Mail)
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Randall Dong (via email)
Charles Terreni (via email)
Joseph Melchers (via email)

STATE OF SOUTH CAROLINA

In the Matter of

Application of Duke Energy Carolinas, LLC for
Approval of Decision to Incur
Nuclear Generation Pre-Construction Costs

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET
NUMBER: 2007-440-E

(Please type or print)

Submitted by: Frank R. Ellerbe, III

SC Bar Number: 1866

Address: Robinson, McFadden & Moore, P.C.
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NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☐ Other:

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certification
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigation
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input checked="" type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/>
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input type="checkbox"/> Report	

**BEFORE
THE PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA**

DOCKET NO. 2007-440-E

In Re:)	DUKE ENERGY
)	CAROLINAS' THIRD
Application of Duke Energy Carolinas, LLC)	SUPPLEMENTAL
For Approval of Decision to Incur Nuclear)	DISCOVERY RESPONSE
Generation Pre-Construction Costs)	
)	
)	
)	

Pursuant to Commission Hearing Officer Directive dated May 5, 2008, ("Directive") Duke Energy Carolinas, LLC, ("Duke Energy Carolinas" or the "Company") supplements its responses to the discovery requests of Intervenor Friends of the Earth (FoE"). The Directive required Duke Energy Carolinas to produce materials relating to those pre-construction costs already expended and to the total projected costs, the disclosure of which would not adversely affect Duke Energy Carolinas' ability to negotiate the lowest possible total cost for those components of the plant. The following documents are produced in response to the Directive. Some of the documents contain information which should remain confidential pursuant to the Directive. The confidential information has been redacted.

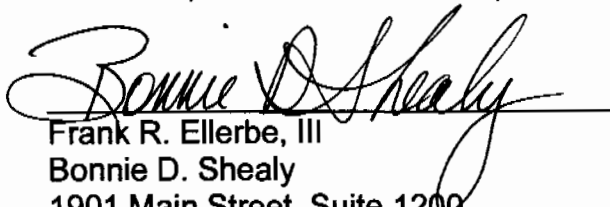
DUKE000231	
DUKE000232	redacted
DUKE000233	redacted
DUKE000237	redacted
DUKE000238	
DUKE000239	
DUKE000241	
DUKE000242	redacted
DUKE000243	redacted
DUKE000244	redacted
DUKE000244-A	
DUKE000245	
DUKE000246	redacted
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DUKE000264
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DUKE000266

redacted

Dated this 8TH day of May, 2008.

ROBINSON, MCFADDEN & MOORE, P.C.



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Counsel for Duke Energy Carolinas, LLC

	STD: '05 to '07	2008	2009	08 & 09	Total
w/o AFUDC	65	65	70	135	200
w/ AFUDC	5	10	15	25	30
Total	70	75	85	160	230

DUKE000231

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yearlyPDatable to 09 (31Oct07)

Task Description	05	06	07	08	09	Sub Task Total
COLA Preparation (w/State Strategy)	5.1	9.9	16.8			
NRC Review and Hearing Fees	0.0	0.0	0.0			
Land and Right-of-Way Purchases	0.1	8.5	8.4			
Pre-Construction and Site Preparation	0.0	2.0	4.5			
Supply Chain, Construction Planning, Detailed Engineering	0.0	2.2	12.5			
Operational Planning	0.0	0.0	0.0			
Total w/o AFUDC	5.2	22.5	42.2	64.3	69.5	203.7
AFUDC	Included in above			10.7	15.0	25.7
Total w/AFUDC	5.2	22.5	42.2	75.0	84.5	229.4

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	A	B	C	D	
1		2005	2006	2007	
2	WEC/SSW (see WECSSW worksheet)	0	0	8	
3	Owners contingency on WEC/SSW ⁽⁶⁾	0	0	1	
4	Owners (see Owners worksheet)	5	29	42	
5					
6	Total w/o inflation & w/o AFUDC	5	29	51	
7	Total contingency in above	0	0	7	
8	Total w/ Inflation @ .025	5	29	51	
9					
10					
11	Results remain very preliminary pending further refinements through at least the end of 2007.				
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					

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Summary

Cost Recovery \$126M Basis

Line		2005	2006	2007	
1	COLA Preparation	5	10	19	
2	NRC Review Fees			2	
3	Site Preparation		2	9	
4	Land & ROW Purchases		14	14	
5	Construction Planning (DEC)		1	4	
6	Supply Chain & Construction Planning (WEC & Shaw)				
6a	Phase 1A and Phase 1		1	9	
6b	Long-lead procurement			10	
7	Detailed Engineering (supports cost validation by 11/2007)			20	
8	AFUDC		1	5	
	Annual Total	5	29	92	
	Cumulative Total	5	34	126	
	Notes:				
	2005 and 2006 values based on actuals.				
	Explanation for line items through 2007:				
1	COLA Prep - 2005 = 5M; 2006 = 13M; 19M in 2007 budget. Includes Duke team labor and expenses and contracts (Enercon being the largest).				
2	NRC Review Fees - expected 2M in 2007 for COLA review				
3	Site prep - includes demolition and restoration - values are estimates, no firm bid yet but information to date indicates this it will be close to this. 2M in '06 included site restoration efforts. Some 2007 dollars may slip into 2008.				
4	Land and ROW Purchases - [REDACTED]				
5	Construction Planning (DEC) - includes Duke labor and expenses for EPC				
6	Supply Chain and Construction Planning (WEC and Shaw) - consists of 2 parts in 6a and 6b.				
6a	Phase 1a (expense to firm up price estimate) = 1M in 2006 and 3M in 2007. Phase 1 (equipment purchases) of 6M in 2007 is an estimate at this time.				
6b	Long-lead procurement - no firm estimate from vendor yet. This value is a portion of the total amount we know this will cost, but represents the amount Duke is willing to spend until/unless cost recovery is attained.				
7	Detailed Engineering - 20M in 2007 is not firm but is an estimate at the time. Depends on funding by DOE and number of utilities participating in WEC AP1000. We believe the value to be less now.				
8	AFUDC - standard calculation				

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12/18/2007

December 5, 2007

Confidential: Contains Business Sensitive Information

Memo-To-File

Re: Lee Nuclear Station
Total Project STD thru 31Dec2007 and 2009
File: WL 4000.01.03

Background: In support of the December 2007 NC and SC Project Development Applications, the Total Project Spend-to-Date (STD) is being refreshed.

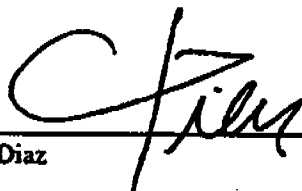
Attachment I of this memo serves to document the basis for the Lee Nuclear Station Total Project STD thru 31Dec2007.

Attachment II of this memo further documents the estimated Total Project STD thru 31Dec2009, as required for the NC and SC Project Development Applications.

Refresh Results: Table shows the combined refreshed Total Project Cost through 31Dec2009 from Attachments I and II.

Task Description	STD 2005-2007	2008	2009	Total 2008 & 2009	Total Project Cost thru 2009
Total w/o AFUDC	66	64	70	135	200
Total w/AFUDC	4	11	15	25	30
Total	70	75	85	160	230

Performed by:


Carlos Diaz

Reviewed and Approved by:


Robert L. Morgan, Jr.

Xc: BJ Dolan (w/o att.)
JR Vigor (w/o att.)
File WL 4000.01.03 (w/att.)

DUKE000238

December 5, 2007

Confidential: Contains Business Sensitive Information

Memo-To-File

ATTACHMENT 1

Document the basis for the Lee Nuclear Station Total Project Spend to Date thru 31Dec2007.

References: I.A. COLA EAC Worksheet Feb 07.xls
I.B. 10.03.07 2007 EOY spend.estimate.xls
I.C. Lee Contract Status 120307.xls

Assumptions: 1. No major perturbations or changes to total project spend will occur for the estimated (forecasted) months of November and December, 2007.

Refresh Process: Data Source "I.A", was refreshed using "LB" and "LC".

1. Labor, Travel and Materials actual spent costs thru COB 31Oct07 were logged, and forecast spend for the remaining 2007 (Nov/Dec 2007) was determined via a running 10 month average.
2. Contract To-Go spend was determined using Contract Invoiced to Date, Invoice un-booked (accrued) costs, and not-yet-complete work required to finish by EOY 2007.
3. Actual AFUDC was included below the line with Nov/Dec 2007 forecasted as appropriate.
4. Costs/Forecasts were then tallied as concluded in the refresh as shown below:

Table shows the refreshed total STD (Spend to Date) Project Cost through 31Dec2007. These costs include AFUDC.

Task Description	STD 2005-2007
COLA	31.7
Land & ROW	17.0
Site Restoration & Development	6.5
EPC	14.7
Total w/AFUDC	69.9 *

* Note: Includes \$4.4M in AFUDC charges

DUKE000239

REFERENCE ATTACHMENTS FOR:

December 5, 2007

Memo To File

ATTACHMENT 1

Document the basis for the Lee Nuclear Station Total Project Spend to Date thru 31Dec2007.

References: I.A. COLA EAC Worksheet Feb 07.xls
I.B. 10.03.07 2007 EOY spend.estimate.xls
I.C. Lee Contract Status 120307.xls

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REF. I.A

Lee Nuclear Station
February 5, 2007 EAC

Summary Category	Line Item	2005	2006	Spent To Date 12-31-06
01 COL	01 Loaded Duke Labor	1,167,076	1,966,040	3,133,116
	02 Employee Travel & Expense	46,744	68,945	115,690
	03 Materials	214,782	144,729	359,491
	04 Contracts	1,118,543	8,778,719	10,897,262
	Environ			
	Security			
	Shaw			
	Utilities			
	Warehouse (base mat)			
	DTA			
	Site Remediation			
	Hel (support for cont. boring)			
	Transmission Sling			
	Cultural Investigation			
	EP External Agencies			
	NRC Fees			
	Communications			
	Legal Support (W&L)			
	Legal Support (L&S)			
	Engineering/Licensing Spt			
	Augmented Project Labor			
	05 Accounting	0	-470,982	-470,982
	Accruals	2,516,800	-2,157,848	358,952
	AFUDC	47,846	483,248	641,195
	COL Total	5,111,970	9,869,742	14,871,712
02 Site Acquisition	03 Materials	0	14,039,850	14,039,850
	04 Contracts	76,805	11,541	88,346
	06 Accounting		-30,000	-30,000
	Accruals		0	0
	AFUDC		538,927	538,927
	Site Acquisition Total	76,805	14,571,118	14,647,823
03 Site Restoration	01 Loaded Duke Labor		6,585	6,585
	03 Materials		203,168	203,168
	04 Contracts		1,682,187	1,682,187
	Demolition			
	General Site Improvements			
	Dam Cleaning			
	Decontaminating Godwin (maintenance)			
	06 Accounting		-3,854	-3,854
	Accruals		75,000	75,000
	AFUDC		88,362	88,362
	Site Restoration Total		2,061,428	2,061,428
04 Site Rights of Way	04 Contracts		233,927	233,927
	Crough			
	Transmission ROW			
	Feet ROW			
	AFUDC		14,274	14,274
04 Site Rights of Way	Site Right of Ways Total		252,578	252,578
05 Low Flow	01 Loaded Duke Labor		363	363
	04 Contracts		66,796	66,796
	AFUDC		649	649
05 Low Flow	Low Flow Total		67,808	67,808
06 EPC	01 Loaded Duke Labor		258,518	258,518
	02 Employee Travel & Expense		6,249	6,249
	03 Materials		5,918	5,918
	04 Contracts		668,846	668,846
	Hel (site upgrade)			
	Traffic Study (construction)			
	Warehouse (ph 1A)			
	Shaw (ph 1A)			
	EPC Scrub Team			
	Accruals		962,500	962,500
06 EPC	AFUDC		21,523	21,523
	EPC Total		2,149,688	2,149,688
2007 AFUDC Calc				
Grand Total		5,168,775	22,686,930	34,126,453
Contingency Balance				

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REF. I.A

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COL APPR	PO	Design	CM	Contract Amount	Contract Amount	2007 STD (as of 31Oct07)	2007 STD (as of 31Oct07)	Approved	Left to go	ATPC Forecast Spend	Total Spend to Date as of 10/2007	Comments	
Enercon Services Inc.	DS 1698 / 00021094	COL Preparation	MORGAN	\$13,944,998	#####	\$8,839,924	\$3,840,072	\$12,679,998	\$1,275,626	\$347,000	\$5,462,698	\$14,302,622	Total contract should conclude in '07. Add 1MM to E5 for PIN contingency
Enercon Services Inc.	00021094 Amendment 1	COL Prep Additional Boring-Pin 1	MORGAN	\$318,100		\$0	\$318,100		\$0	\$0	\$0		
Enercon Services Inc.	00021094 Amendment 2	COL Pins 2,3,4,5,7,8,10,11, 12	MORGAN	\$554,549		\$0	\$554,549		\$518,900	\$0	\$0		Subtract PIN 8 not to exceed of \$414,040?
Enercon Services Inc.	Amendment 3	Pin#8 +Pins	MORGAN	\$860,894		\$0		\$837,313	\$23,381	\$0			Accrue Pin 8 (rev 1), 15, 16, 17, 19, 21
Facilities Planning & Siting Inc.	00049930	Transmission Line Siting Study	BOWLING	\$325,000	\$421,000	\$83,058	\$243,905	\$326,963	\$0	\$94,037	\$337,942	\$421,000	Total contract should conclude in '07
Facilities Planning & Siting Inc.	00049930 Amendment 1	Environmental Investigation	SMITH	\$26,000									
Facilities Planning & Siting Inc.	00049930 Amendment 2	Additional Area Mapped	BOWLING	\$70,000									
SS&W (Conceptual)	25803		THRASHER	\$865,282	\$1,770,564	\$153,950	\$388,501	\$542,451	\$98,360	\$0	\$486,661	\$640,811	
Shaw Stone & Webster	00025603	Eng, Site Plan, Demolition spec	BAKER	\$572,415									
Shaw Stone & Webster	00025603 Amendment 1	Erosion Control Plan	MOHR	\$29,000									
Shaw Stone & Webster	00025603 Amendment 2	Water Balance & Heat Balance	THRASHER	\$136,554									
Shaw Stone & Webster	00025603 Amendment 3	Add additional Scope and extend contract	THRASHER	\$31,000									
Shaw Stone & Webster	00025603 Amendment 4	Raw Water Scope Change	BOWLING	\$74,313		\$0							
Shaw Stone & Webster	00025603 Amendment 5	ER Chapter Review of the COLA		\$42,000									100K+470K. 100K from Contract 80297 99 Island contract 93640 for 80.5K from DMS spreadsheet does not show. Added to 07 spend.
Brockington	00051254	Cultural Investigation	BOWLING	\$27,148	\$37,148	\$2,308	\$17,798	\$20,106	\$0	\$17,042	\$34,840	\$37,148	17K+ has been paid in 2007.
Brockington	00051254 Amendment 1	Assessment of Visual Impacts of Construction	BOWLING	\$10,000					?	?			
J A Wright & Associates	00094240	Consulting Support	BOWLING	\$120,000	\$123,114	\$0	\$123,114	\$123,114	\$0	\$0	\$123,114	\$123,114	Contract complete
J A Wright & Associates	00094240 Amendment 1	Consulting Support	BOWLING	\$3,114									
Allied Technical Resources, Inc	00084842	Primavera Scheduling Support Staff Aug	MORGAN	\$125,000	\$125,000	\$0	\$89,399	\$89,399	\$10,400	\$20,800	\$120,599	\$120,599	Based on EAC 07
Allied Technical Resources, Inc	00089839	John McConaghy Engineering Review Serv	THRASHER	\$60,000	\$150,000	\$0	\$69,777	\$69,777	\$18,400	\$36,800	\$124,977	\$124,977	JMM
Allied Technical Resources, Inc	00089839 Amendment 1	John McConaghy Engineering Review Serv	THRASHER	\$90,000		\$0							
Allied Technical Resources, Inc	00090455	Mechanical Engineer	THRASHER	\$95,000	\$95,000	\$0	\$69,777	\$69,777	\$20,212	\$40,424	\$130,413	\$130,413	Mech. Engineer
Tower Systems	00091873	Met Tower #3	Bowling	\$101,041	\$101,041	\$0	\$0	\$0	\$0	\$101,041	\$101,041	\$101,041	Tower Instrumentation (PCO-7-02) + 100K
Facilities Planning & Siting Associated Tech Support Coord	92174 DS1853/0002 1141	#REF! UG Utility Locator Service	Baker	\$29,300	\$29,300	\$0	\$14,654	\$14,654	\$0	\$14,646	\$29,300	\$29,300	Issued 7/24/07. All should be paid in 07.
Associated Tech Support Coord	00021141 Amendment 1	UG Utility Locator Service	THRASHER	\$20,000	\$20,000	\$5,725	\$3,375	\$9,100	\$0	\$10,900	\$14,275	\$20,000	Extension is thru 12/31/07.
Geosyntec	00092914	Water Permit Strategy	BOWLING	\$13,000	\$13,000	\$0	\$9,720	\$9,720	\$0	\$3,280	\$13,000	\$13,000	Water Permit Strategy
Clemson University	00093747	Hydrodynamic Assessment Cooling Tower 80	BOWLING	\$22,500	\$22,500	\$0	\$0	\$0	\$22,500	\$0	\$22,500	\$22,500	Blowdown Model complete
Excel Services	00096937	COLA Review Services for Hastings	MORGAN	\$40,000	\$40,000	\$0	\$0	\$0	\$40,000	\$40,000	\$40,000	\$40,000	
TOTAL CONTRACTS						\$10,961,158	\$7,849,185	\$18,810,343	\$2,801,711	\$749,351	\$19,559,694		
Labor						\$0	\$3,189,090	\$2,573,572	\$5,762,682	\$0	\$887,387	\$6,650,049	
Travel & Expenses						\$0	\$140,248	\$180,593	\$320,841	\$0	\$20,000	\$340,841	
materials						\$0	\$359,906	\$419,597	\$778,503	\$0	\$25,000	\$804,503	
													CONFIDENTIAL
													DUKE000243

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Accruals/Accruals						\$358,852	\$578,013	\$219,181	\$0	\$219,181								
AFUDC						\$543,877	\$1,207,053	\$1,750,730	\$0	\$420,000	\$2,170,730							
COLAPREP (A LE)						\$2,237,655	\$11,441,847	\$37,204,819	\$2,963,771	\$2,401,738	\$29,308,668							\$28,000,665
SITE RESTORE																		
Judges Professional Services TPS	00083561	Security Services	MORGAN	\$120,000	\$170,000		\$103,558	\$103,558	\$15,866	\$15,866	\$135,290	\$135,290	based on avg spend / mo of 3000-15K last 2 months					
Judges Professional Services TPS	00083561 Amendment 1	Security Services	MORGAN	\$50,000														
Hall Contracting Corp.	DS 1763 / 00021115	Lee Site De-mucking & Cleaning	BAKER	\$500,000	\$1,567,000	\$571,428		\$1,281,137	\$0	\$0	\$1,281,137	\$566,104	606,154 has been paid in 07.					
Hall Contracting Corp.	00021115 Amendment 1	Open House, Site Characterization	BAKER	\$217,000		143,607.33				\$0								
Hall Contracting Corp.	00021115 Amendment 2	AUX Bldg Cleaning and Site Maintenance	BAKER	\$350,000				\$566,104		\$0								
Hall Contracting Corp.	00021115 Amendment 3	Support of Boring, dewatering Power Island	BAKER	\$500,000														
Hall Contracting Corp.	00094672	Met Tower #3 Clearing, Grubbing and Grading	BAKER	\$267,306	\$267,306			\$0	\$0	\$267,306	\$267,306	\$267,306						
Crouch Engineering PC	00049941	Re-establish Railroad Branch Line To Lee	SMITH	\$217,000	\$333,000	\$71,705	\$73,306	\$145,011		\$167,989	\$333,000	\$261,295						
Crouch Engineering PC	00049941 Amendment 1	Redesign Interchange	SMITH	\$67,000														
Crouch Engineering PC	00049941 Amendment 2	Yard Track Alignment	SMITH	\$49,000														
Cleveland Wrecking	86739			\$8,439,356	\$8,439,356	\$0	\$1,874,989	\$1,874,989	\$670,949	\$1,558,342	\$3,800,000	\$3,433,311	Per Tim Baker. Approx. 3M for 2008.					
EnviroTech Environmental Service	00086741	Demolition EH&S Oversight Services	BAKER	\$120,000	\$120,000	\$0	\$49,769	\$49,769		\$70,231	\$120,000		Demo EHS & Oversight					
Williams Scottsman	00088468	Project Site Trailer Rental	BAKER	\$28,330	\$28,330	\$0	\$11,280	\$11,280		\$17,050	\$28,330		Trailer Rental					
Godwin Pump	00091872	Pump Maintenance	SMITH	\$22,000	\$22,000	\$0	\$2,000	\$2,000		\$2,000	\$4,000		Pump Maintenance					
Morgan Corp	00091929	Dam Slope Maintenance	SMITH	\$645,420	\$645,420	\$0	\$0	\$0		\$645,420	\$645,420		Dam Slope Maintenance					
Morgan Corp	00091929												Contract not in place yet. Est. is from DMS for Dam Cleaning Scope Addition					
SME	0000098		SMITH		\$0	\$0	\$18,689	\$18,689	\$0	\$0	\$18,689	\$18,689	Oversight of Dam Cleaning per DMS est.					
Mactec	00098652	Soil Testing at Dam	SMITH	\$14,696	\$14,696	\$0	\$0	\$0	\$14,696		\$14,696	\$14,696	Soil Testing for Dam Rebuild per DMS est.					
???					\$0	\$0	\$0	\$0					\$0 Devel Spec for Spillway Repairs DMS est.					
Gaffney BPW					\$0	\$0	\$0	\$0		\$0			\$20,000 Spent per DMS.					
TOTAL CONTRACTS						\$1,692,187	\$2,059,093	\$3,751,280	\$701,511	\$998	\$4,453,789							
Labor					\$0	\$6,565	\$83,335	\$89,800	\$0	\$867,387	\$977,287							
Travel & Expenses					\$0		\$1,128	\$1,128	\$0	\$158	\$1,282							
materials					\$0	\$203,188	\$750	\$203,917	\$0	\$0	\$203,917							
Accruals/Accounting						\$3,854	\$95,949	\$582,095	\$701,511	\$0	\$592,095							
AFUDC						\$4,362	\$68,615	\$258,877	\$0	\$61,000	\$317,977							
SITE RESTORE						\$1,694,424	\$2,060,433	\$3,752,408	\$1,403,022	\$948,541	\$5,546,349							
COLALANDS ROW																		
Rail ROW																		
Acquisition(Glenn Stacy)					\$0	\$0		\$0		\$0	\$0	\$0	Contract not in place yet. Est. is from DMS					

Legal		KENNEDY COVINGTON			?	\$0	\$29,572	\$29,572		\$0	\$29,572	\$29,572					
TOTAL CONTRACTS						\$322,273	\$587,026	\$909,299	\$0	\$0	\$909,299						
Labor						\$0	\$0	\$27,285	\$27,285	\$0	\$7,264	\$34,549					
Travel & Expenses						\$0	\$0	\$397	\$397	\$0	\$0	\$397					
materials						\$0	\$7,773,250	\$6,804,718	\$14,577,969	\$0	\$0	\$14,577,969					
Accruals/Accounting							\$5,726	\$14,274	\$20,000	\$0	\$0	\$20,000					
AFUDC							\$544,305	\$750,105	\$1,294,410	\$0	\$248,600	\$1,543,010					
COLALAND ROW						\$6,834,102	\$10,681,257	\$11,678,355	\$0	\$255,864	\$17,045,223					16,645,223	
EAC TO GO											\$2,896,227		#REF!			\$52,498,227	WAccruals
COLAERC																	
Shaw Stone & Webster	00080363	Phase 1A Services	THRASHER	\$2,244,000	\$6,327,485	\$0	\$4,026,409	\$4,026,409	\$3,480,944	\$1,535,534	\$9,042,888	\$9,042,888	Contract value plus 2MM for rem of 07				
Shaw Stone & Webster	Amendment 1	Phase 1A Services	VIGOR	\$0													
Shaw Stone & Webster	00080363	Phase 1 Services thru 8/31/07	VIGOR	\$3,540,785													
Shaw Stone & Webster	Amendment 2	Phase 1 Services thru 8/31/07	VIGOR	\$542,700													
Shaw Stone & Webster	Amendment 3	Phase 1 Services thru 8/31/07	VIGOR														
Shaw Stone & Webster	00080363	Phase 1 Services thru 11/1/07 to 12/31/07 or thru 2008	VIGOR	?													
Shaw Stone & Webster	Amendment 3	Phase 1 Services thru 11/1/07 to 12/31/07 or thru 2008	VIGOR							\$1,200,000							
Kimley-Horn	85807			\$63,800	\$4,065,800	\$0	\$0	\$0		\$0	\$0	\$0	Dale shows 63.2K				
Westinghouse	00080297	Phase 1A Services	VIGOR	\$1,127,000	\$1,127,000	\$563,500	\$463,500	\$1,027,000	\$100,000	\$0	\$1,127,000	\$563,500	Less 100K Con #89624 plus 1.3M rem 07				
Westinghouse	00080297	Phase 1 Services thru 8/31/07	VIGOR	\$2,530,000	\$2,530,000				\$2,530,000		\$2,530,000	\$1,664,875	Revise Phase 1 Proposal received 7/13/07. Sent W Duke Comments lld dld 8/3/07. Rec'd W Comments				
JM Foley	91427			\$250,000	\$250,000	\$11,548	\$136,136	\$147,684		\$102,316	\$250,000	\$250,000	Scheduling - R Vigor				
CB Tatlam & Assoc.	90057			\$95,000	\$95,000	\$0	\$5,957	\$5,957		\$15,000	\$20,957	\$20,957	Cost Est. - R Vigor				
High Bridge Associates	00050605	Sr. Project Controls Mgr Lee Prudency Review	VIGOR	\$175,000	\$175,000	\$0	\$5,957	\$5,957		\$68,332	\$64,289	\$64,289					
Burns & Roe (2008)		EPC Cost Review Consulting Services	VIGOR	\$300,000	\$300,000	\$0	\$0	\$0		\$0	\$0	\$0					
TOTAL CONTRACTS						\$868,848	\$4,875,368	\$5,764,216	\$6,010,944	\$1,711,182	\$13,486,342						
Labor						\$0	\$258,618	\$541,667	\$800,285	\$0	\$103,783	\$904,068					
Travel & Expenses						\$0	\$6,249	\$17,842	\$24,091	\$0	\$4,066	\$28,187					
materials						\$0	\$5,916	\$1,561	\$7,477	\$0	\$644	\$6,121					
Accruals/Accounting							\$5,957	\$0	\$962,500	\$0	\$962,500						
AFUDC							\$1,523	\$201,623	\$223,448	\$0	\$97,000	\$320,446					
COLALAND						\$12,143,859	\$8,838,361	\$10,141,014	\$6,010,944	\$1,535,534	\$15,709,865		this value was \$14,629 (used) due to less than anticipated accruals				
EAC TO GO											\$68,607,892		\$68,207,892			WAccruals	
											\$0						
											\$68,607,892						

CONFIDENTIAL
DUKE000244-A

REF(I.C)

**Los Project Development
Confidential**

.. Major Purchase Orders and Contracts Valued at \$50,000 or Higher

[illegible]

REMARKS:

REF T.C

CONFIDENTIAL

REF (I.C)

DUKE000245

• Major Purchase Orders and Contracts Valued at \$30,000 or Higher

Lee Project Development
Confidential

00087240 Amendment 1	Devine Tarbell & Associates Inc.	Greater Gaston Shoals Reservoir Storage	SMITH	RICE	\$ 3,400		
00091251	Devine Tarbell & Associates Inc.	Lake Summit Bathymetry	THRASHER	RICE	\$ 39,000	\$ 17,616.19	
00095670	Devine Tarbell & Associates Inc.	Dam Inspection	SMITH	RICE	\$ 12,000		
00095541	Devine Tarbell & Associates Inc.		SMITH	RICE	\$ 60,000		
00051254	Brockington	Cultural Investigation	BOWLING	RICE	\$ 27,148	\$ 20,105.61	
00051254 Amendment 1	Brockington	Assessment of Visual Impacts of Construction	BOWLING	RICE	\$ 10,000		
00082807	Kimley-Horn Associates	Traffic Study	SMITH	HUSS	\$ 49,800	\$ 61,564.26	
00082807 Amendment 1	Kimley-Horn Associates	Traffic Study additional 4 Intersections	SMITH	HUSS	\$ 10,000		
00082807 Amendment 2	Kimley-Horn Associates	Traffic Study Peak Hour Study 2011	SMITH	HUSS	\$ 4,000		
00083561	Judges Professional Services TPS	Security Services	MORGAN	SAUNDERS	\$ 120,000	\$ 119,017.19	New Contractor TPS starts 2/1/07
00083561 Amendment 1	Judges Professional Services TPS	Security Services	MORGAN	SAUNDERS	\$ 50,000		Added Funding and revise OT Rate to \$18.43.
00084642	Allied Technical Resources, Inc	Primavera Scheduling Support Staff Aug	MORGAN	RICE	\$ 125,000	\$ 97,897.13	
00089839	Allied Technical Resources, Inc	John McConaghy Engineering Review Serv	THRASHER	RICE	\$ 150,000	\$ 122,077.33	
00089839 Amendment 1	Allied Technical Resources, Inc	John McConaghy Engineering Review Serv	THRASHER	RICE			Travel Expenses added.
00090455	Allied Technical Resources, Inc	Mechanical Engineer	THRASHER	RICE	\$ 95,000	\$ 80,564.45	
00091427	JM Foley (now Gate 6 Solutions)	Scheduling Support Staff Aug	VIGOR	RICE	\$ 250,000	\$ 77,453.70	
00089488	Williams Sootsman	Project Site Trailer Rental	BAKER	RICE	\$ 28,330	\$ 11,178.00	Trailer delivered on 5/1/07
00086739	Cleveland Wrecking	Demolition Of Existing Structures	BAKER	RICE	\$ 8,439,356	\$ 2,269,008.54	
00086739 Amendment 1	Cleveland Wrecking	Added Final Safety Incentive Exhibit G	BAKER	RICE			
00086739 Amendment 2	Cleveland Wrecking	Remove NDE BLDG from scope, Increase CCW Unit rate for 4000psi concrete	BAKER	RICE	\$ 83,035		
00088741	EnviroTech Environmental Service	Demolition EH&S Oversight Services	BAKER	RICE	\$ 120,000	\$ 68,109.56	
00090057	CB Tatham & Associates	Cost Estimating Services	VIGOR	RICE	\$ 95,000	\$ 7,356.65	
00091873	Tower Systems	Mel Tower #3	BOWLING	RICE	\$ 101,041		
00091872	Godwin Pump	Pump Maintenance	SMITH	RICE	\$ 22,000	\$ 4,121.39	
00092174	Facilities Planning & Siting Inc.	Erosion Control Plan for Mel Tower	BAKER	RICE	\$ 29,300	\$ 14,654.26	Issued 7/24/07
00092914	Geosyntec	Water Permit Strategy	BOWLING	RICE	\$ 13,000	\$ 12,985.73	
DS1853/00021141	Associated Tech Support Coord	UG Utility Locator Service	THRASHER	RICE	\$ 20,000	\$ 9,100.00	\$5,725 + \$3378 Portal J
00021141 Amendment 1	Associated Tech Support Coord	UG Utility Locator Service	THRASHER	RICE	\$ -		Extended thru 12/31/07 to support Shaw's Core Drilling Uvu sub Mactac.
00091929	Morgan Corp	Dam Slope Maintenance	SMITH	RICE	\$ 845,420	\$ 577,500.80	
00091929 Amendment 1	Morgan Corp	Dam Slope Repair	SMITH	RICE	\$ 310,052		
00093747	Clemson University	Hydrodynamic Assessment Cooling Tower BD	BOWLING	RICE	\$ 22,500		
00050805 Amendment 2	High Bridge Associates	Sr. Project Controls Mgr Lee Prudency Review	VIGOR	RICE	\$ 176,000	\$ 12,344.34	
00095552	Mactac	Soil Testing at Dam	SMITH	RICE	\$ 14,696		
00095837	Excel Services	COLA Review Services for Hastings	MORGAN	RICE	\$ 40,000		

DUKE000246

Sheet 12/03/07

CONFIDENTIAL

January 21, 2008

Confidential: Contains Business Sensitive Information

Memo-To-File

Re: W.S. Lee Nuclear Station
CORRECTED: Project Spend To Date as of end of CY2007 (COB 31 Dec07)
File: WL 4000.01.03

Purpose of this memo is to summarize Lee Nuclear Station project costs through 31 December 2007 in support of the Lee Project Development Application in North and South Carolina..

Subsequent to STD calculation as recorded on MTF WL 4000.01.03 dated January 08, 2008, an error to the year end CY2007 Accrual Data was discovered which decreased the Project STD total (Ref: PIP G-08-063). This a memo serves to document the CORRECTED Project STD value.



Attachment I: Serves to document the basis for the CORRECTED Lee Nuclear Station Project Spend To Date for CY2007, based on closing of books on 31 December 2007.

Summary Table below shows the refreshed Lee Nuclear Project Spend to Date as of CY2007 (COB 31 Dec2007) from Attachments I – CORRECTED with 1/08/08 Accrual Values

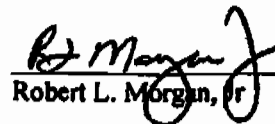
CORRECTED

COLA Effort Task Description	2005	2006	2007	Total Lee Project STD
Total w/o AFUDC	2.6	22.7	39.9	65.2
Total w/AFUDC	0.1	1.1	3.2	4.4
Total	2.7	23.8	43.1	69.6

Performed by:

 " 
Carlos Diaz Abbe Bryan

Reviewed and Approved by:


Robert L. Morgan, Jr

Xc: BJ Dolan (w/o att.)
JR Vigor (w/o att.)
File WL 4000.01.03 (w/att.)

DUKE000257

January 21, 2008

Confidential: Contains Business Sensitive Information

Memo-To-File

CORRECTED - ATTACHMENT 1

**Document basis for the Lee Nuclear Station
Spend To Date as of end of CY2007 (COB 31Dec2007)**

References: I.A. Total Lee Spend to Date as of 31Dec07 "LNS1207.xls, Tab "Bob's Report-PTD31Dec07-Crrctd"
I.B. Nuclear General Office 2007Quarterly Accrual Report, "31Dec07 4 Qtr (COB Dec 31 2007) ACCRUALS DATA ENTRY SHEET -CORRECTED (amb crd Rev.6 w accr 08Jan08).xls"

Assumptions: 1. All actual charges (Labor, Material, Contracts, AFUDC, etc.) through COB 31Dec07 are accounted.
2. All Accruals booked are accurate.

Refresh Process: Data Source "I.A", was refreshed following the closing of books on 31Dec2007. CORRECTED Accrual data "I.B" was added to arrive at the Project to Date Total Project Spend. Data was subdivided by Activity ID as shown in the table below.

		2005	2006	2007	
					Sum:
01 COL	Roll-up	2,563,680	11,548,572	14,896,860	29,009,112
	AFUDC	48,308	494,721	1,609,216	2,152,244
	Sum:	2,611,987	12,043,293	16,506,076	31,161,356
					Sum:
02 Site Acquisition	Roll-up	76,805	7,764,791	6,601,238	14,442,834
	AFUDC		539,927	947,824	1,487,751
	Sum:	76,805	8,304,718	7,549,062	15,930,586
					Sum:
03 Site Restoration	Roll-up	0	1,898,066	6,475,440	8,373,507
	AFUDC		88,362	253,472	341,834
	Sum:	0	1,986,428	6,728,913	8,715,341
					Sum:
04 Site Rights of Ways	Roll-up		233,927	948,425	1,182,352
	AFUDC		4,377	50,624	55,001
	Sum:	0	238,304	999,049	1,237,353
					Sum:
05 Low Flow	Roll-up	0	67,159	903,708	970,867
	AFUDC		649	26,832	27,481
	Sum:	0	67,808	930,540	998,348
					Sum:
06 EPC	Roll-up -CORRECTED	0	1,159,632	10,106,199	11,265,831
	AFUDC		21,523	314,234	335,757
	Sum: -CORRECTED	0	1,181,155	10,420,433	11,601,588
					Sum:
GRAND TOTAL	Total w/o AFUDC-CORRECTED	2,640,485	22,672,147	39,931,871	65,244,503
	AFUDC	48,308	1,149,560	3,202,201	4,400,068
	Total w/AFUDC-CORRECTED	2,688,793	23,821,706	43,134,072	69,664,571

		2005	2006	2007	Sum:
01 COL	01 Loaded Duke Labor	1,178,971	2,009,758	2,949,183	6,137,911
	02 Employee Travel & Expense	51,303	88,945	218,490	355,738
	03 Materials	214,782	145,144	477,019	836,925
	04 Contracts	1,118,643	9,775,719	5,135,450	18,029,811
	05 Accounting	0	-470,992	-411,711	-882,703
	Accruals			3,531,429	3,531,429
	AFUDC	48,308	494,721	1,609,216	2,152,244
01 COL	Sum:	2,611,987	12,043,293	18,506,078	31,181,358

					Sum:
02 Site Acquisition	03 Materials	0	7,773,250	6,601,238	14,374,488
	04 Contracts	78,805	11,541	0	89,346
	05 Accounting		-20,000	0	-20,000
	AFUDC		539,927	947,824	1,487,751
02 Site Acquisition	Sum:	78,805	8,304,718	7,549,062	15,930,586

					Sum:
03 Site Restoration	01 Loaded Duke Labor		5,565	85,728	92,294
	02 Employee Travel & Expense			1,427	1,427
	03 Materials		203,188	750	203,917
	04 Contracts		1,882,187	5,385,413	7,077,808
	05 Accounting		-3,854	0	-3,854
	Accruals			1,002,123	1,002,123
	AFUDC		88,362	253,472	341,834
03 Site Restoration	Sum:	0	1,988,426	6,728,913	8,715,341

					Sum:
04 Site Rights of Way	01 Loaded Duke Labor			33,443	33,443
	02 Employee Travel & Expense			493	493
	03 Materials			284,388	284,388
	04 Contracts		233,927	650,101	884,028
	Accruals			0	0
	AFUDC		4,377	50,624	55,001
04 Site Rights of Way	Sum:	0	238,304	988,049	1,227,353

					Sum:
05 Low Flow	01 Loaded Duke Labor		363	2,629	2,992
	02 Employee Travel & Expense			199	199
	04 Contracts		66,796	537,966	704,781
	Accruals			122,895	122,895
	AFUDC		649	25,832	27,481
05 Low Flow	Sum:	0	67,808	930,549	998,348

					Sum:
06 EPC	01 Loaded Duke Labor		258,618	660,115	918,734
	02 Employee Travel & Expense		6,249	20,428	26,677
	03 Materials		5,916	2,289	8,205
	04 Contracts		888,848	5,710,787	6,600,636
	05 Accounting			0	0
	Accruals			3,712,580	3,712,580
	AFUDC		21,523	314,234	335,757
06 EPC	Sum:	0	1,181,155	10,620,433	11,601,588

	Sum:	2,688,793	23,821,706	343,134,072	89,644,571
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credit:
WAS 13,335,308
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 10,420,433

credit:
WAS 46,048,947
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 43,134,072

credit:
WAS 6,627,454.41
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 3,712,579

credit:
WAS 6,627,454.41
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 3,712,579

credit:
WAS 14,516,463
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 11,601,588

credit:
WAS 72,339,446
1/08/08 accrual adjustment (2,914,875)
= Corrected Accrual Value 69,444,571

DUKE000259

REF. I.A.

**Nuclear General Office
2007 Quarterly Accruals**

Invoice Approved

Process or Project Los Nuclear Plant Development

Manager's Signature:

Date

Analyst's Signature:

CR Diaz

Date 12/18/2007 Rev.2

Item Type	Item	Item	Item	Item	Item	Item	Item	Item	Item	Item	Item	Item	Comments
35000	LN00	1052	LPREPCOLA	\$10,000.00	Scheduling Staff Aug	PREPCOLA	0004442	Allied	Future	Dec-07	Jan		
35000	LN00	1052	COLAEP	\$5,000.00	Cost Estimating Services	COLAEP	00046830	CS Tatum & Assoc.	Future	Aug-Oct07	Jan		
35000	LN00	1052	CKRESTORE	\$990,000.00	Demolition of Existing Structures	CKRESTORE	00065739	Cleveland Wrecking	Future	Dec-07	Jan	Per Tim Baker 12/18/07	
35000	LN00	1052	LPREPCOLA	\$21,000.00	RE-ESTABLISH RAIL TO CHEROKEE SITE	PREPCOLA	00046841	Crouch Engineering	Future	Dec-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	LOWFLOW	\$25,795.00	Perform River Modeling	LOWFLOW	00082538	Davine Turbell & Assoc.	Future	Nov-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	LOWFLOW	\$55,100.00	Perform River Modeling	LOWFLOW	00082538	Davine Turbell & Assoc.	Future	Dec-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	CKRESTORE	\$8,000.00	HYDROLOGY ANALYSIS AND DAM CLEANING	CKRESTORE	00067240	Davine Turbell & Assoc.	Future	Nov-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	CKRESTORE	\$8,000.00	HYDROLOGY ANALYSIS AND DAM CLEANING	CKRESTORE	00067240	Davine Turbell & Assoc.	Future	Dec-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	LPREPCOLA	\$21,344.00	LAKE SUMMIT BATHYMETRY	PREPCOLA	00081251	Davine Turbell & Assoc.	Future	Dec-07	Jan	John Smucker to check	
35000	LN00	1052	LOWFLOW	\$10,000.00	80 ISLANDS BATHYMETRY AND FLOW VELOC	LOWFLOW	00063640	Davine Turbell & Assoc.	Future	Dec-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	LOWFLOW	\$30,000.00		LOWFLOW	00063641	Davine Turbell & Assoc.	Future	Dec-07	Jan	Per Dale Smith 12/11/07	
35000	LN00	1052	LPREPCOLA	\$1,258,336.00	COL Preparation (two read 1/2/08)	PREPCOLA	00021094	Ensercon	Future	Oct-Nov-07	Jan	per Jim Euteneier spreadsheet update 1/25/07 & Verified with R. Paul Euteneier 12/13/07	
35000	LN00	1052	LPREPCOLA	\$1,133,832.00	Balance on COL Contract & outstanding PWS	PREPCOLA	00021094	Ensercon	Future	Nov-Dec07	Jan-Apr		
35000	LN00	1052	LPREPCOLA	\$40,000.00	COLA Review Services	PREPCOLA	00086937	Excel services	Future	Nov-Dec07	Jan		
35000	LN00	1052	LPREPCOLA	\$9,850.00	Transmission Line Study	PREPCOLA	00046830	Facilities Planning & Siting	Future	Sep-07	Jan	Actual Invoice was \$14,264	
35000	LN00	1052	CKRESTORE	\$2,500.00	Erosion Control Plan for Mat Tower #3	CKRESTORE	00092774	Facilities Planning & Siting	Future	Dec-07	Jan	Per Tim Baker 12/18/07	
35000	LN00	1052	LPREPCOLA	\$22,500.00	Hydrodynamic Assessment of Cooling Tower	PREPCOLA	00082914	Facilities Planning & Siting	Future	Sep-07	Jan	Actual Invoice was \$18,388	
35000	LN00	1052	COLAEP	\$16,800.00	Scheduling Staff Aug	COLAEP	00091427	Gates	Future	Dec-07	Jan		
35000	LN00	1052	CKRESTORE	\$287,308.00	Mat Tower #3 Clearing/Debulbing	CKRESTORE	00094672	Hall Contracting Corp.	Future	Oct-07	Jan	Per Tim Baker 12/18/07	
35000	LN00	1052	CKRESTORE	\$25,845.00	Mat Tower #3 Clearing/Debulbing	CKRESTORE	00094672	Hall Contracting Corp.	Future	Nov-07	Jan	Per Tim Baker 12/18/07	
35000	LN00	1052	COLAEP	\$84,000.00	St. PG Mgr Pasadena Review	COLAEP	00091427	High Bridge Assoc.	Future	Dec-07	Jan		
35000	LN00	1052	SCAR1	\$3,000.00	Site Security Services	SCAR1	00083581	Judge	Future	Dec-07	Jan		
35000	LN00	1052	LPREPCOLA	\$942.00	TRAFFIC CONGESTION STUDY FOR W8 LEE	PREPCOLA	00081829	Kimby-Ham	Future	Dec-07	Jan	Per Dale Smith 12/11/07	

REF I.B.

REF I.B.

DUKE000260

CONFIDENTIAL

**Nuclear General Office
2007 Quarterly Accruals**

Invoice Approved

Process or Project Lee Nuclear Plant Development

Manager's Signature:

Date

Analyst's Signature:

CR Date

Date 12/18/2007 Rev.2

LINE	ITEM	QTY	UNIT	DESCRIPTION	AMOUNT	DESCRIPTION	AMOUNT	DATE	DATE	DATE	DATE	Comments
35000	LN00	1052	LCKRESTORE	\$4,472.00	SOIL TESTING FOR SEDIMENTATION DAM RE	CKRESTORE	0008852	MACTECH	Future	Oct-Dec07	Jan	Per Dale Smith 12/11/07
35000	LN00	1052	LCKRESTORE	\$40,000.00	LHS SPILLWAY REPAIR	CKRESTORE	00088715	MACTECH	Future	Oct-Dec07	Jan	Per Dale Smith 12/11/07
35000	LN00	1052	LSCAR1	\$250,261.00	Dam Slope Maintenance	SCAR1	00081829	Morgan Corp.	Future	Dec-07	Jan	Per Dale Smith 12/11/07
35000	LN00	1052	LPREPCOLA	\$41,478.00	COL Preparation Support	PREPCOLA	00085908	Shaw Stone & Webster	Future	Jul-07	Jan	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LPREPCOLA	\$38,982.00	COL Preparation Support	PREPCOLA	00086603	Shaw Stone & Webster	Future	Aug-07	Jan	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LCOLAEPG	\$828,516.08	Phase 1 Services	COLAEPG	00080243	Shaw Stone & Webster	Future	Sep-07	Jan	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LCOLAEPG	\$878,279.14	Phase 1 Services	COLAEPG	00080363	Shaw Stone & Webster	Future	Oct-07	Jan	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LCOLAEPG	\$485,458.21	Phase 1 Services	COLAEPG	00080363	Shaw Stone & Webster	Future	Nov-07	Feb	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LCOLAEPG	\$637,227.00	Phase 1 Services	COLAEPG	00080363	Shaw Stone & Webster	Future	Dec-07	Feb	Per Joyce Parls (S&W) via email 12/13/07
35000	LN00	1052	LPREPCOLA	\$50,000.00	Geotechnical QA Basemat Support	PREPCOLA	00080297	Westinghouse	Future	Dec-07	Jan	Per Rick Kazy email - need some value to estimate for Dec as well
35000	LN00	1052	LCOLAEPG	\$0.00	Phase 4 Services (1/01/07 to 12/31/07) NOT TO BE BILLED LEE PROJECT (was \$2,838,000)	COLAEPG	00080297	Westinghouse	Future	Jan-Aug07	Jan	1. Per Payment Milestones from WEC Contract Addendum 1. 2. CRD UPDATE 9/18/07: No billing for Westinghouse services from Jan 2007 - thru Aug 2007 was submitted per Addendum 1 - and will not be charged to Lee Project per Randy Vignar/Rick Kazy 1/11/08.
35000	LN00	1052	LCOLAEPG	\$1,380,000.00	Phase 1 Services (8/01-12/31/07) ACTUAL BILLED (was \$1,864,875)	COLAEPG	00080297	Westinghouse	Future	Sep-Dec07	Jan	1. Per Payment Milestones from WEC Contract Addendum 1. 2. CRD UPDATE 1/18/07: Updated w/actual leveled amount for Sept thru Dec07. \$1,864,875 was authorized per the Addendum for this period, but all deferrals were not and thus, the reduced amount of \$2,308,880 has been billed per Randy Vignar/Rick Kazy 1/11/08.
				\$8,305,652.41								

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January 21, 2008

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Memo-To-File

Re: W.S. Lee Nuclear Station
Project Spend To Date as of end of CY2007 (COB 31Dec07) for NCUC Development Work Activities and Costs.

File: WL 4000.01.03

Background: Pursuant to the NCUC March 20, 2007, Order concerning Lee Nuclear Project, a summary of project development activities and costs through December 31, 2007, are required for filing.

Table I below, documents the Summarized Costs of the Lee Nuclear Station Costs through December 31, 2007. Attached Table II, provides additional detail (by Chartfield) of the Summary.

Assumptions: 1. All actual charges (Labor, Material, Contracts, AFUDC, etc.) through COB 31Dec07 are booked and ledgered.
2. The accrual values include an adjustment made in January, 2008 to the COB 31Dec07 data.

Task Description	Total by Task
COLA Preparation	\$28,150,617
NRC Review & Hearing Fees	\$48,822
Site Evaluation	\$364,039
Land and Right-of-way Purchases	\$18,166,286
Pre-construction and Site Preparation	\$11,313,218
Supply Chain, Const. Planning, Detailed Eng.	\$11,601,588
Total	\$69,644,571

Performed by:


Carlos Diaz


Abbe Bryan

Reviewed and Approved by:


Robert L. Morgan, Jr

Xc: BJ Dolan (w/o att.)
JR Vigor (w/o att.)
File WL 4000.01.03 (w/att.)

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January 21, 2008

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Memo-To-File

Table II: Detailed Cost (by Chartfield) data used in filing the Lee Nuclear Station Report of Development Work Activities and Costs through December 31, 2007

Chart Field Description	Chartfields Included	Actual through 12/31/2007	Total by Task
COLA Preparation	LPREPCOLA	\$27,141,195	
	LNNNEG	\$181,918	
	LRXTECHSE	\$36,643	
	LSITECOM	\$507,028	
	LTECHREV	\$107,180	
	ALL PROJ	\$435	
	LCOLA100	\$132,680	
	LINDSVCS	\$43,538	\$28,150,617
NRC Review & Hearing Fees	LCOLAREV	\$48,822	\$48,822
Site Evaluation	LSITESEL	\$156,677	
	LSITECHAR	\$207,363	\$364,039
Land and Right-of-way Purchases	LCOLALAND	\$15,601,565	
	SOUTHERN PRE-EFFECTIVE COSTS	\$329,021	
	LCKRAIL	\$791,154	
	LCKTRANS	\$446,198	
	LLOWFLOW	\$998,348	\$18,166,286
	LCKRESTOR	\$8,715,341	
Pre-construction and Site Preparation	LSCAR1	\$2,597,877	
	COLA100 - contracts (moved to CKRESTORE)	\$0	\$11,313,218
Supply Chain, Construction Planning, and Detailed Engineering	LCOLAEPC	\$11,601,588	\$11,601,588
Totals		\$69,644,571	\$69,644,571

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DUKE ENERGY CAROLINAS, LLC
526 South Church St.
Charlotte, NC 28202

Mailing Address:
ECO3T / PO Box 1006
Charlotte, NC 28201-1006

LAWRENCE B. SOMERS
Associate General Counsel
704.382.8142 OFFICE
980.373.9901 FAX
lsomers@duke-energy.com

January 25, 2008

Ms. Renné C. Vance, Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4325

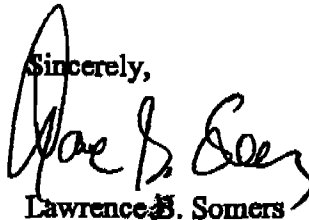
RE: Duke Energy Carolinas' Report of Nuclear Development Work Activities and
Costs through December 31, 2007
Docket No. E-7, Sub 819

Dear Ms. Vance:

I write on behalf of Duke Energy Carolinas, LLC ("Duke Energy Carolinas"), pursuant to ordering paragraph (c) of the Commissions March 20, 2007 *Order Issuing Declaratory Ruling*, and enclose the original and thirty (30) copies of a confidential and public version of Duke Energy Carolinas' Report of Nuclear Development Work Activities and Costs through December 31, 2007, for filing in connection with the referenced matter. The confidential version of the Report contains more detail regarding components of the costs incurred and is being filed under seal pursuant to N.C. Gen. Stat. §132-1.2, as certain components remain subject to negotiation.

Thank you for your attention to this matter. If you have any questions, please let me know.

Sincerely,



Lawrence B. Somers

cc: Parties of Record

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www.duke-energy.com

CERTIFICATE OF SERVICE

DOCKET NO. E-7, Sub 819

I certify that a copy of Duke Energy Carolinas' Report of Nuclear Development Work Activities and Costs through December 31, 2007, was sent by regular U.S. mail to all parties listed below:

Len S. Anthony, Deputy General Counsel
Progress Energy Carolinas, Inc.
P. O. Box 1551 PEB 17A4
Raleigh, North Carolina 27602-1551

Wells Eddleman
811 Yancey Street
Durham, North Carolina 27701-3151

Leonard G. Green, Assistant Attorney General
North Carolina Department of Justice
P. O. Box 629
Raleigh, North Carolina 27602-0629

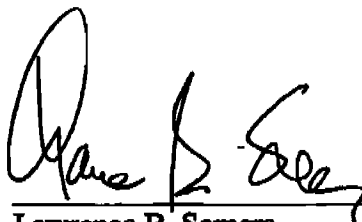
Ralph McDonald
Bailey and Dixon, L.L.P.
P. O. Box 1352
Raleigh North Carolina 27602

John D. Runkle
Attorney at Law
P. O. Box 3793
Chapel Hill, North Carolina 27515

Sharon C. Miller
Carolina Utility Customers Association, Inc.
Suite 210, Trawick Professional Center
1708 Trawick Road
Raleigh, NC 27604

Antoinette R. Wike, Chief Counsel
Public Staff-North Carolina Utilities Commission
4326 Mail Service Center
Raleigh, North Carolina 27699-4326

This the 25th day of January, 2007.



Lawrence B. Somers
Associate General Counsel
Duke Energy Corporation
P. O. Box 1006
Charlotte, North Carolina 27601-1006
704.382.8142
lbsomers@duke-energy.com

DUKE000265

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**Duke Energy Carolinas' Report of Nuclear Development Costs and Activities
through December 31, 2007
Docket No. E-7, Sub 819
CONFIDENTIAL**

Cumulative Costs Incurred through December 31, 2007:

Task Description	Total by Task
COLA Preparation	\$28,150,617
NRC Review & Hearing Fees	\$48,822
Site Evaluation	\$364,039
Land and Right-of-way Purchases	\$18,166,286
Pre-construction and Site Preparation	\$11,313,218
Supply Chain, Construction Planning, and Engineering	\$11,601,588
Total	\$69,644,571

The activities included in each category are as follows:

COLA Preparation – This category of costs includes Duke labor, expenses, and contract support for preparation of the Combined Construction and Operating License (COL) Application tendered to the Nuclear Regulatory Commission on December 13, 2007. It also includes the activity of selecting the plant technology and the cost of community involvement activities.

NRC Review and Hearing Fees – This category includes the cost of the NRC review fees, and the Duke labor and expenses, contract labor, and legal support required to support the NRC review.

Site Evaluation – This category includes the evaluation performed to select the former Cherokee site in Gaffney, SC, for the proposed Lee Nuclear Station.

Land and Right-of-Way Purchases – This category includes the purchase of land associated with the former Cherokee site, and purchases of transmission and rail right-of-ways.

Pre-construction and Site Preparation – This category includes site activities to prepare the site for construction. Initial site preparation activities included dewatering and cleanup of the excavated area; and, site remediation activities required to identify and properly dispose of hazardous wastes. Continuing costs include costs associated with: the demolition and removal of unusable structures; site security; utilities; and, minor miscellaneous site maintenance. Continuing activities also include engineering for bringing water, sewer and railroads to the site.

Supply Chain, Construction Planning, and Engineering – This category includes activities associated with working with the supplier to negotiate an Engineering, Procurement, and Construction agreement. This category also includes site-specific engineering activities necessary to develop complete project definition.

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**BEFORE
THE PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA
DOCKET NO. 2007-440-E**

In the Matter of)	
)	CERTIFICATE OF SERVICE
Application of Duke Energy Carolinas, LLC)	
for Approval of Decision to Incur Nuclear)	
Generation Pre-Construction Costs For the)	
<u>Lee Nuclear Station in Cherokee County</u>)	

This is to certify that I, Leslie Allen with the law firm of Robinson, McFadden & Moore, P.C., have this day caused to be served upon the person(s) named below the **Duke Energy Carolinas, LLC's Third Supplemental Discovery Response** in the foregoing matter by causing a copy of same to be placed in the United States Mail, postage prepaid, in an envelope addressed as follows:

Nanette S. Edwards, Esquire
C. Lessie Hammonds, Esquire
Office of Regulatory Staff
P.O. Box 11236
Columbia, SC 29211

Scott A. Elliott, Esquire
SC Energy Users Committee
Elliott & Elliott, PA
721 Olive Avenue
Columbia, SC 29205

Robert Guild, Esquire
Friends of the Earth
314 Pall Mall
Columbia, SC 29201

Dated at Columbia, South Carolina this 8th day of May, 2008.



Leslie Allen